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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): PAUL, Buddha D.	
Serial No.: 10,827,282	Group Art Unit: 1651
Filed: April 20, 2004	Examiner: Not Yet Assigned
Title: DETECTION OF OXIDIZING AGENTS IN URINE	
Attorney Docket No.: AFIP03-58 2	

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Certification under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Certification under 37 CFR 1.97(e), and
☐ a petition under 37 CFR 1.97(d)(2)(ii), and
☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Certification under 37 CFR 1.97(e)(1)

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned, after making reasonable inquiry, was known to an


individual designated in 37 CFR 1.56 (e) more than three months prior to filing of the Information Disclosure Statement.

Applicant submit herewith Form PTO 1449-Information Disclosure Citation with copies of patents, publications or other information of which Applicant has become recently aware, that Applicant believes may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Neither this statement nor the listing of these documents on the accompanying form PTO-1449 should be considered as an admission by Applicant that these materials are prior art as to Applicant. In addition, this statement should not be construed as a representation that no better disclosures exist.

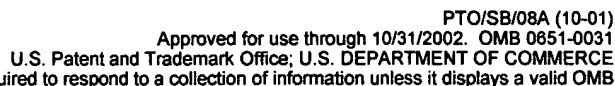
Entry of the Information Disclosure Statement and the accompanying Form PTO-1449 is respectfully solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "W. E. Bradley", is written over a horizontal line.

William E. Bradley, Reg. No. 42355
CAHN & SAMUELS, LLP
2000 P Street, N.W., Suite 200
Washington, DC 20036
Telephone: (202) 331-8777
Facsimile: (202) 331-3838

July 20, 2004



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet	1	of	4
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Application Number	10,827,282
Filing Date	04/20/2004
First Named Inventor	PAUL, Buddha D.
Art Unit	1651
Examiner Name	Not Assigned
Attorney Docket Number	AFIP03-58 2

[illegible][illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10,827,282		
		Filing Date	04/20/2004		
		First Named Inventor	PAUL, Buddha D.		
		Group Art Unit	1651		
		Examiner Name	Not Assigned		
Sheet	2	of	4	Attorney Docket Number	AFIP03-58 2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C	MIKKELSEN, et al., "Adulterants Causing False Negatives in Illicit Drug Testing," <i>Clinical Chemistry</i> , Vol. 34, No. 11, 1998, pp. 2333-2336.	
	D	WARNER, Ann, "Interference of Common Household Chemicals in Immunoassay Methods for Drugs of Abuse," <i>Clinical Chemistry</i> , Vol. 35, No. 4, 1989, pp. 648-651.	
	E	CODY, et al., "Impact of Adulterants on RIA Analysis of Urine for Drugs of Abuse," <i>Journal of Analytical Toxicology</i> , Vol. 13, September/October 1989, pp. 277-284.	
	F	BRONNER, et al., "Detectability of Phencyclidine and 11-nor- Δ^9 -Tetrahydrocannabinol-9-Carboxylic Acid in Adulterated Urine by Radioimmunoassay and Fluorescence Polarization Immunoassay," <i>Journal of Analytical Toxicology</i> , Vol. 14, November/December 1990, pp. 368-371.	
	G	SCHWARZHOFF, et al., "The Effects of Adulterating Agents on FPIA Analysis of Urine for Drugs of Abuse," <i>Journal of Analytical Toxicology</i> , Vol. 17, January/February 1993, pp. 14-17.	
	H	TSAL, et al., "Determination of Five Abused Drugs in Nitrite-Adulterated Urine by Immunoassays and Gas Chromatography-Mass Spectrometry," <i>Journal of Analytical Toxicology</i> , Vol. 22, October 1998, pp. 474-480.	
	I	CODY, et al., "Effects of Stealth™ Adulterant on Immunoassay Testing for Drugs of Abuse," <i>Journal of Analytical Toxicology</i> , Vol. 25, September 2001, pp. 466-470.	
	J	WU, et al., "Adulteration of Urine by 'Urine Luck'," <i>Clinical Chemistry</i> , Vol. 45, No. 7, 1999, pp. 1051-1057.	
	K	BAIKER, et al., "Hypochlorite Adulteration of Urine Causing Decreased Concentration of Δ^9 -THC-COOH by GC/MS," <i>Journal of Analytical Toxicology</i> , Vol. 18, March/April 1994, pp. 101-103.	
	L	ELSOHLY, et al., "A Procedure to Overcome Interferences Caused by the Adulterant 'Klear' in the GC-MS Analysis of 11-nor- Δ^9 -THC-9-COOH," <i>Journal of Analytical Toxicology</i> , Vol. 21, May/June 1997, pp. 240-242.	
	M	PAUL, et al., "Effects of Oxidizing Adulterants on Detection of 11-Nor- Δ^9 -THC-9-Carboxylic Acid in Urine," <i>Journal of Analytical Toxicology</i> , Vol. 26, October 2002, pp. 460-463.	

Examiner Signature		Date Considered	
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Sheet	3	of	4

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	N	Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Division of Workplace Programs, "Guidance for Reporting Specimen Validity Testing," <i>National Laboratory Certification Program, Program Document 35</i> , September 28, 1998.	
	O	Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Division of Workplace Programs, "Specimen Validity Testing," <i>National Laboratory Certification Program, Program Document 37</i> , July 28, 1999.	
	P	PAUL, et al., "Effects of Pyridinium Chlorochromate Adulterant (Urine Luck) on Testing Drugs of Abuse and a Method for Quantitative Detection of Chromium (VI) in Urine", <i>Journal of Analytical Toxicology</i> , Vol. 24, May/June 2000, pp. 233-237.	
	Q	SINGH, et al., "The Measurement of Nitrite in Adulterated Urine Samples by High-Performance Ion Chromatography," <i>Journal of Analytical Toxicology</i> , Vol. 23, May/June 1999, pp. 137-140.	
	R	FERSLEW, et al., "Capillary Ion Electrophoresis of Endogenous Anions and Anionic Adulterants in Human Urine," <i>Journal of Forensic Sciences</i> , Vol. 46, No. 3, 2001, pp. 615-626.	
	S	CHILDS, et al., "The Steady-State Kinetics of Peroxidase with 2, 2'-Azino-di-(3-ethyl-benzthiazoline-6-sulphonic acid) as Chromogen," <i>Biochemical Journal</i> , Vol. 145, 1975, pp. 93-103.	
	T	VERMA, et al., "Excretion of Hydrogen Peroxide in Human Urine," <i>Free Radic. Res. Commun.</i> , Vol. 8, No. 2, 1990, pp-73-78 (abstract only).	
	U	KUGE, et al., "Relation Between Natriuresis and Urinary Excretion of Hydrogen Peroxide," <i>Free. Radic. Res.</i> , Vol. 30, 1999, pp. 119-123.	
	V	LONG, et al., "Hydrogen Peroxide in Human Urine: Implications for Antioxidant Defense and Redox Regulation," <i>Biochemical and Biophysical Research Communications</i> , Vol. 262, 1999, pp. 605-609.	
	W	CRUICKSHANK, et al., "The Presence and Significance of Nitrites in Urine," <i>The British Medical Journal</i> , Vol. 2, 1914, pp. 712-713.	
	X	Smith, et al., "Nitric Oxide Synthase: An Endogenous Source of Elevated Nitrite in Infected Urine," <i>Kidney International</i> , Vol. 45, 1994, pp. 586-591.	

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